

## INTERNATIONAL SEARCH REPORT

Internal Application No

PCT/DE 03/02698

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 H04Q3/00 H04M7/00 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 H04Q H04M H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB, INSPEC

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 143 683 A (SIEMENS INF & COMM NETWORKS) 10 October 2001 (2001-10-10) paragraph '0001! paragraph '0008! – paragraph '0010! paragraph '0022! – paragraph '0023! paragraph '0025! – paragraph '0027! --- EP 0 926 909 A (NORTHERN TELECOM LTD) 30 June 1999 (1999-06-30) paragraph '0003! – paragraph '0004! paragraph '0012! – paragraph '0013! paragraph '0027! paragraph '0034!	1-12
X	--- -/-	1-12

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

7 January 2004

Date of mailing of the international search report

15/01/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 100 40 444 A (SIEMENS AG) 7 March 2002 (2002-03-07) paragraph '0006! paragraph '0010! - paragraph '0016! claims 1,3 -----	1-12

## INTERNATIONAL SEARCH REPORT

Information on patent family members

Internal reference No.

PCT/DE 03/02698

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 1143683	A	10-10-2001	EP JP	1143683 A2 2001358778 A	10-10-2001 26-12-2001	
EP 0926909	A	30-06-1999	US CA EP	6011842 A 2246317 A1 0926909 A2	04-01-2000 24-06-1999 30-06-1999	
DE 10040444	A	07-03-2002	DE	10040444 A1	07-03-2002	